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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Chris BERTELO et al.

Serial No.: 09/088,707 *pdf*

Filed: June 2, 1998

For: IMPACT ADDITIVE OF THE CORE/SHELL TYPE FOR THERMOPLASTIC POLYMERS (AS AMENDED)



Examiner: J. Mullis

Group Art Unit: 1711

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*what*  
*3*  
*[Signature]*

**SECOND SUPPLEMENTAL AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Further to the Amendment filed on March 20, 2000, and Supplemental Amendment filed on June 26, 2000, please amend the above-identified application as follows and consider the remarks.

**IN THE CLAIMS**

Please add the following claims:

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*5010*  
*63*  
69. A thermoplastic polymer composition containing a core-shell impact additive, such impact additive comprising:

(a) 70% to 90% by weight of a crosslinked elastomeric core composed of either a polyorganosiloxane or a copolymer of an n-alkyl acrylate, the n-alkyl group having from 5 to 12 carbon atoms, said elastomeric core further comprising:

*E*  
*cont*  
*P*  
a polyfunctional crosslinking agent possessing unsaturated groups in its molecules, at least one of which is a vinyl group, and diallyl maleate as a grafting agent, *and*

with the provision that when the crosslinked elastomeric core is composed of a polyorganosiloxane, said polyorganosiloxane amounts to no more than 40% by weight of said crosslinked elastomeric core, and *P*